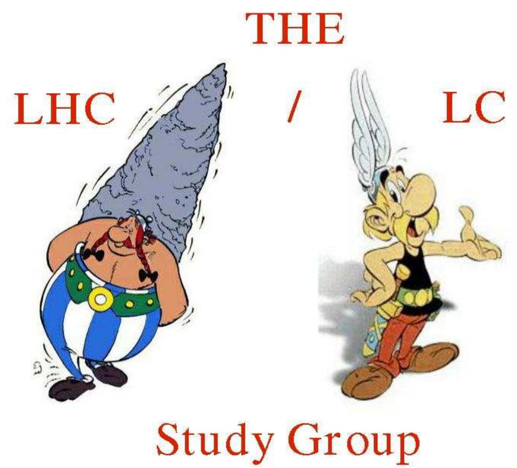
THE LHC / LC Study Group

Meeting Oct. 7, CERN

Georg Weiglein, IPPP Durham

News



- Frank Paige (paige@bnl.gov) has joined coordination of LHC / LC Study Group

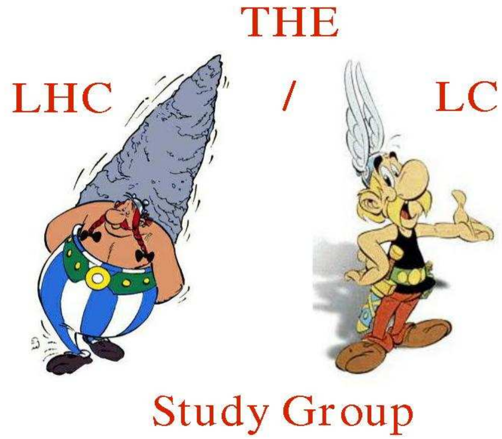
- Still looking for an Asia-based co-coordinator

- Tevatron contact person: Heidi Schellman (schellman@fnal.gov)

- Inaugural meeting for North American LHC / LC Study Group activities:

  Fermilab, December 12, 13

Program



09:00 - 11:10

Intro (5')
Georg Weiglein

Study of FCNC processes with top quark (30')
Sergei Slabospitsky

Single Top Quarks at the LHC and LC (25')
Edward Boos

Higgs Pair Production at the LHC (25')
Tilman Plehn

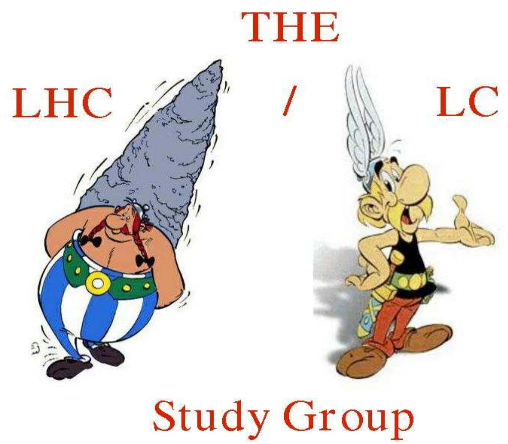
Summary of Debate on Relationship between Hadron Colliders and the Linear Collider at the International Linear Collider Workshop, Jeju (15')
Klaus Desch

Discussion: which aspects of simultaneous running of LHC and LC should be analyzed in detail? (30')
All

11:10 - 13:00

Lunch break

Program



13:00 - 15:30

Squark and gluino mass determination studies (30')
Massimiliano Chiorboli

Parameter determination in the stau and neutralino sector (25')
Edward Boos

2HDM, H --> gg and H --> photon photon (25')
Maria Krawczyk

Event generation in C++ for LHC and LC (25')
Frank Krauss

How should NNLO programs look like? (25')
S. Weinzierl

Discussion: plans for next meeting, plans for preparation of working group document (20')
All